(1399 REV. 5-93) US DEPT. OF C ERCE PATENT & TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE **UNITED STATES DESIGNATED/ELECTED OFFICE** (DO/FO/US) CONCERNING A FILING

A SECOND or SUBSEQUENT preliminary amendment.

Entitlement to small entity status is hereby asserted.

A substitute specification.

Other items or information:

14.

15.

16.

U.S. APPLICATION NO.

112340

(if known, sec 37 C.F.R.1.5)

100 Rec TPCT/PTO 2 U MAR 2002 NEY'S DOCKET NUMBER

		UNDER 35 U.	10/0884/6	
INTERNATIONAL APPLICATION NO. PCT/JP01/06350			INTERNATIONAL FILING DATE July 23, 2001	PRIORITY DATE CLAIMED July 24, 2000
	E OF INVEI AUST GA	NTION S PURIFICATION DEVICE		
		FOR DO/EO/US A, Toshiaki TANAKA, Kazuhi	ro ITOH, Takamitsu ASANUMA, Koich	iro NAKATANI, Koichi KIMURA
infor	mation:		-	(DO/EO/US) the following items and other
1.			of items concerning a filing under 3	
2.	∐ Thi	is is a SECOND or SUBSE	EQUENT submission of items conc	erning a filing under 35 U.S.C. 371.
3.	dela			(35 U.S.C. 371(f)) at any time rather than set in 35 U.S.C. 371(b) and PCT Articles 22
4.		proper Demand for International med priority date.	tional Preliminary Examination was	made by the 19th month from the earliest
5.	A c a. b. c.	is transmitted herewith has been transmitted I	oplication as filed (35 U.S.C. 371(c) of (required only if not transmitted by by the International Bureau. application was filed in the United S	the International Bureau).
6.	☐ At	ranslation of the Internation	nal Application into English (35 U.S	s.C. 371(c)(2)).
7.	Am a. b. c. d.	are transmitted hereved have been transmitte have not been made;	vith (required only if not transmitted d by the International Bureau.	PCT Article 19 (35 U.S.C. 371(c)(3)) I by the International Bureau). such amendments has NOT expired.
8.	☐ A tr	anslation of the amendme	nts to the claims under PCT Article	19 (35 U.S.C. 371(c)(3)).
9.	⊠ An	oath or declaration of the i	nventor(s) (35 U.S.C. 371(c)(4)).	
10.	☐ A tr (35	anslation of the annexes to U.S.C. 371 (c)(5)).	o the International Preliminary Exar	mination Report under PCT Article 36
Item	s 11. to	16. below concern other	document(s) or information incl	uded:
11.	☐ An	Information Disclosure Sta	tement under 37 CFR 1.97 and 1.9	98.
12.		assignment document for luded.	recording. A separate cover sheet	in compliance with 37 CFR 3.28 and 3.31 is
13.		A FIRST preliminary amen	dment.	

100 F 3 Recorpor/PTC 20 MAR 2002

"U.S. APPLICATION NO C.F.R. 1.5) 7	. (if known, see 37	INTERNATIONAL APPLICATION NO. PCT/JP01/06350		N NO.	ATTORNEY'S DOCKET NUMBER 112340			
17. X The followi	ng fees are submitted:			CALCULATIONS		PTO USE ONLY		
Basic Natio	nal fee (37 CFR 1.492							
Search Report	has been prepared by							
	eliminary examination							
(37 CFR 1.482)	l preliminary examinat but international sear (a)(2))							
1.482) nor inter	tional preliminary exam mational search fee (3							
(37 CFR 1.482)	eliminary examination and all claims satisfie)							
	ENTER APPROPRIA			\$890.00				
) for furnishing the oath	\$						
Claims	Number Filed	Number Extra	Rate					
Total Claims	21 - 20 =	1	X \$ 18.00	\$ 18.00				
Independent Claims	1 - 3 =	0	X \$84.00	\$				
Multiple dependent cl	aim(s)(if applicable)		+ \$280.00	\$				
	TOTAL OF	ABOVE CAL	CULATIONS =	\$908.00				
Reduction by 1/2 for f	iling by small entity, if	applicable.		\$				
			SUBTOTAL =	\$908.00				
	80.00 for furnishing the oth from the earliest cla	\$\$						
		TOTAL NA	TIONAL FEE =	\$908.00				
-	 -				Amount to be refunded	\$		
					Charged	\$		
 a.								
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.								
SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 NAME: James A. Olif REGISTRATION NUMBER: 27,075								
Date: <u>March 20, 20</u>	002			ME: Joel S.	Armstrong	6.430		



U.S. APPLICATION NO. (if known see 37 C.F.R. 1.5) 1 0 8 84 6 PCT/JP01/06350			N NO. ATTORNEY'S DOCKET NUMBER 112340					
17. The following	707007				ILATIONS	PTO USE ONLY		
Basic Natio	Basic National fee (37 CFR 1.492(a)(1)-(5)):							
Search Report I	has been prepared by	the EPO or J						
International pre	eliminary examination							
(37 CFR 1.482)	I preliminary examinati but international seard a)(2))							
1.482) nor inter	ional preliminary exam national search fee (37							
(37 CFR 1.482)	eliminary examination and all claims satisfie							
	ENTER APPROPRIA			\$890.00				
Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(e)).								
Claims	Number Filed	Number Extra	Rate					
Total Claims	21 - 20 =	1	X \$ 18.00	\$ 18.00		·		
Independent Claims	1 - 3 =	0	X \$84.00	\$				
Multiple dependent cla	aim(s)(if applicable)		+ \$280.00	\$				
	TOTAL OF	ABOVE CAL	CULATIONS =	\$908.00				
Reduction by 1/2 for f	iling by small entity, if	applicable.	-	\$				
			SUBTOTAL =	\$908.00				
	0.00 for furnishing the oth from the earliest cla	\$						
		\$908.00						
					Amount to be refunded	\$		
					Charged	\$		
 a.								
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.								
SEND ALL CORREST OLIFF & BERR P.O. Box 199 Alexandria, V	RIDGE, PLC	AME: James & Olifi EGIST RATION NUMBER: 27,076						
Date: <u>March 20, 20</u>	002	AMB: Joel S. Armstrong EGISTRATION NUMBER: 36,430						